
GCSE Mathematics

Real-Life Graphs Practice

Mark Scheme - Foundation, Grade 3-5

M = method mark, A = accuracy mark (dependent on the preceding M mark), B = independent mark.

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Edexcel-style questions

Q1 Grade 3 Edexcel style

Total: 2

Part	Mark scheme	Marks
(a)	(a) 40 km, (b) 45 miles	B2

Q2 Grade 3 Edexcel style

Total: 2

Part	Mark scheme	Marks
(a)	(a) 40 km, (b) 0.5 hours (30 minutes)	B2

Q3 Grade 4 Edexcel style

Total: 2

Part	Mark scheme	Marks
(a)	1-2 hours: the person is stationary (not moving). 2-3 hours: the person is travelling back to the start.	B2

Q4 Grade 5 Edexcel style

Total: 2

Part	Mark scheme	Marks
(a)	$80 \div 2$	M1
(a)	40 km/h	A1

Q5 Grade 5 Edexcel style

Total: 2

Part	Mark scheme	Marks
(a)	(a) 2 minutes, (b) 15 cm	B2

AQA-style questions

Q6 Grade 3 AQA style

Total: 2

Part	Mark scheme	Marks
(a)	(a) €30, (b) £28	B2

Q7 Grade 3 AQA style

Total: 2

Part	Mark scheme	Marks
(a)	(a) 80 km, (b) 1 hour (60 minutes)	B2

Q8 Grade 4 AQA style

Total: 2

Part	Mark scheme	Marks
(a)	2-2.5 hours: the person is stationary (not moving). 2.5-4 hours: the person is travelling back to the start.	B2

Q9 Grade 5 AQA style

Total: 2

Part	Mark scheme	Marks
(a)	$90 \div 1.5$	M1
(a)	60 km/h	A1

Q10 Grade 5 AQA style

Total: 2

Part	Mark scheme	Marks
(a)	(a) 3 minutes, (b) 20 cm	B2

OCR-style questions**Q11** Grade 3 OCR style**Total: 2**

Part	Mark scheme	Marks
(a)	(a) 33 lb, (b) 10 kg	B2

Q12 Grade 3 OCR style**Total: 2**

Part	Mark scheme	Marks
(a)	(a) 60 km, (b) 0.5 hours (30 minutes)	B2

Q13 Grade 4 OCR style**Total: 2**

Part	Mark scheme	Marks
(a)	1-1.5 hours: the person is stationary (not moving). 1.5-2.5 hours: the person is travelling back to the start.	B2

Q14 Grade 5 OCR style**Total: 2**

Part	Mark scheme	Marks
(a)	$100 \div 4$	M1
(a)	25 km/h	A1

Q15 Grade 5 OCR style**Total: 2**

Part	Mark scheme	Marks
(a)	(a) 1 minute, (b) 16 cm	B2

Teachably-style questions

Q16 Grade 3 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	(a) £24, (b) €35	B2

Q17 Grade 3 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	(a) 100 km, (b) 1 hour (60 minutes)	B2

Q18 Grade 4 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	1.5-2 hours: the person is stationary (not moving). 2-3.5 hours: the person is travelling back to the start.	B2

Q19 Grade 5 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	$125 \div 2.5$	M1
(a)	50 km/h	A1

Q20 Grade 5 Teachably style

Total: 2

Part	Mark scheme	Marks
(a)	(a) 4 minutes, (b) 24 cm	B2

END OF PAPER

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